

WHAT IS CLAIMED IS:

1. A pneumatic radial runflat tire having a tread, a belt structure comprising at least two belt plies, a carcass comprising two sidewalls, two beads and at least one radial carcass ply and optionally an underlay disposed between the carcass and the belt structure and optionally an overlay disposed between the tread and the belt structure and at least one wedge insert in each sidewall; the tire characterized by at least one of its components including one or more reinforcing cords of polyester formed by
 - first obtaining a cord through twisting together a plurality of polyester yarns;
 - secondly treating the cord with an aqueous emulsion comprising a polyepoxide; and
 - thirdly treating the cord with an aqueous RFL emulsion comprising a resorcinol-formaldehyde resin, a styrene-butadiene copolymer latex, a vinylpyridine-styrene-butadiene terpolymer latex, and a blocked isocyanate.
2. The tire of claim 1 wherein said components having one or more reinforcing cords of polyester include the carcass reinforcing plies, the sidewall reinforcement, the bead area reinforcements, the flippers, the chippers, the underlay and the overlay.
3. The tire of claim 1 wherein said polyester is PEN or PET.
4. The tire of claim 1 wherein said polyepoxide is selected from the group consisting of reaction products between an aliphatic polyalcohol and a halohydrin, reaction products between an aromatic polyalcohol and a halohydrin, and reaction products between a novolac phenolic resin or a novolac resorcinol resin and a halohydrin.
5. The tire of claim 1, wherein said polyepoxide is derived from an ortho-cresol formaldehyde novolac resin.
6. The tire of claim 1, wherein said polyepoxide is present in said aqueous emulsion in a concentration range of from about 1 to about 5 percent by weight.
7. The tire of claim 1, wherein said polyepoxide is present in said aqueous emulsion in a concentration range of from about 1 to about 3 percent by weight.

8. The tire of claim 1, wherein said blocked isocyanate is a reaction product between one or more isocyanates and one or more blocking agents, wherein the isocyanates are selected from the group consisting of monoisocyanates, diisocyanates and triisocyanates; and wherein the blocking agents are selected from the group
5 consisting of phenols, tertiary alcohols, aromatic amines, ethyleneimines, imides, lactams, ureas, oximes, and α -pyrrolidone.

9. The tire of claim 1, wherein said blocked isocyanate is present in said RFL emulsion in a concentration range of from about 1 to about 8 parts by weight of
10 solids.

10. The tire of claim 1, wherein said polyepoxide is present on said polyester cord in a range of from about 0.3 to about 0.7 percent by weight.

11. The tire of claim 1, wherein said polyepoxide is present on said polyester cord in a range of from about 0.4 to about 0.6 percent by weight.
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12. The tire of claim 1, wherein said cord has a polyepoxide DPU of between about 0.3 and 0.7 percent.
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13. The tire of claim 9, wherein said cord has a polyepoxide DPU of between about 0.4 and 0.6 percent.